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(54) Title: LOW ACTIVATION TEMPERATURE ADHESIVE COMPOSITION WITH HIGH PEEL STRENGTH AND COHESIVE FAILURE

Figure 1a – Components of 5-layer Aluminum Panel Structure

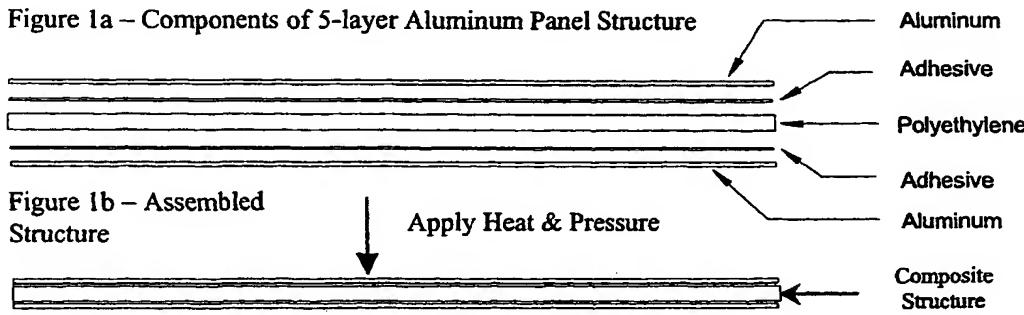
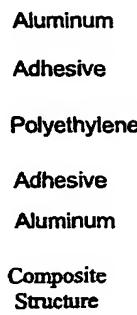


Figure 1b – Assembled Structure

Apply Heat & Pressure



(57) Abstract: The present invention provides a resin composition made from admixing starting materials comprising: (a) 0 to 90 parts by weight of a polyolefin; (b) 5 to 95 parts by weight of a functional polyolefin; (c) 5 to 40 parts by weight of a polystyrenic; and (d) 0 to 30 parts by weight of an elastomer, where the total amount of components of (a), (b), (c) and (d) in the resin composition is 100 parts by weight. In a further embodiment, component (a) is a non-olefin copolymer and component (c) is high impact polystyrene. The resin compositions are useful as adhesives for metal and polyolefin substrates.

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